

Title (en)  
CHIMERIC TYMOVIRUS-LIKE PARTICLES

Title (de)  
CHIMÄRE TYMOVIRUS-ÄHNLICHE PARTIKEL

Title (fr)  
PARTICULES DE TYPE TYMOVIRUS CHIMÉRIQUES

Publication  
**EP 1994156 B1 20110720 (EN)**

Application  
**EP 06809942 A 20060911**

Priority  
• IN 2006000342 W 20060911  
• IN 486CH2006 A 20060317

Abstract (en)  
[origin: WO2007108005A1] The present disclosure relates to chimeric tymovirus-like particles (TVLPs) comprising a fusion protein that further comprises of a first protein that is a truncated tymovirus coat protein and a second protein. These chimeric TVLPs are useful as antigens. The present disclosure provides a highly efficient means for differentiating Foot and Mouth Disease Virus (FMDV) infected animals from vaccinated animals. The present disclosure further provides a process for the production of chimeric TVLPs and a diagnostic kit for the determination of specific antibodies of FMDV to differentiate FMDV infected from vaccinated animals. The present disclosure also provides the use of the chimeric TVLPs for diagnostic purposes.

IPC 8 full level  
**C12N 15/62** (2006.01); **C12N 5/10** (2006.01); **C12N 7/04** (2006.01); **C12N 15/41** (2006.01); **C12N 15/42** (2006.01); **G01N 33/569** (2006.01)

CPC (source: EP US)  
**C07K 14/005** (2013.01 - EP US); **C12N 7/00** (2013.01 - EP US); **C07K 2319/00** (2013.01 - EP US); **C12N 2750/14322** (2013.01 - EP US); **C12N 2770/32122** (2013.01 - EP US); **C12N 2770/40022** (2013.01 - EP US); **C12N 2770/40023** (2013.01 - EP US); **G01N 2333/08** (2013.01 - EP US); **G01N 2333/085** (2013.01 - EP US); **G01N 2469/20** (2013.01 - EP US)

Citation (examination)  
KITCHING R.P.: "Identification of foot and mouth disease virus carrier and subclinically infected animals and differentiation from vaccinated animals", REV. SCI. TECH. OFF. INT. EPIZ., vol. 21, no. 3, 2002, pages 531 - 538

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007108005 A1 20070927**; AT E517186 T1 20110815; AU 2006340589 A1 20070927; AU 2006340589 B2 20120419; BR PI0621513 A2 201111213; CN 101400795 A 20090401; DK 1994156 T3 20111031; EP 1994156 A1 20081126; EP 1994156 B1 20110720; EP 2316480 A1 20110504; HK 1127080 A1 20090918; US 2009087861 A1 20090402; US 7815913 B2 20101019

DOCDB simple family (application)  
**IN 2006000342 W 20060911**; AT 06809942 T 20060911; AU 2006340589 A 20060911; BR PI0621513 A 20060911; CN 200680053885 A 20060911; DK 06809942 T 20060911; EP 06809942 A 20060911; EP 11155621 A 20060911; HK 09104738 A 20090526; US 21152308 A 20080916